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I hereby certify that this correspondence is being deposited with the United States Postal Service on the date set forth below as First Class Mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Date of Signature and Deposit: September 11, 2007

Sara D. Vinarov

## PATENT

### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Tenneille E. Ludwig  
James A. Thomson

Date: September 11, 2007

Serial No.: 10/811,423

Group Art Unit: 1651

Filed: March 26, 2004

Examiner: Lora Elizabeth Barnhart

Title: PHYSIOCHEMICAL CULTURE CONDITIONS FOR EMBRYONIC STEM CELLS  
File No.: 960296.00050

Confirmation No.: 2623

### RESPONSE AFTER FINAL OFFICE ACTION

Mail Stop Amendment  
Commissioner for Patents  
P O Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In response to a Final Office Action mailed May 11, 2007 in the file of the above-identified application, please amend the application as follows:

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this paper.

**Remarks** begin on page 5 of this paper.